

Sebestyen, Gy.

Level of development in prefabrication. p. 9.

EPITESUGYI SZEMLE. Budapest, Hungary. No. 1, 1959.

Monthly list of East European Accessions (EFAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

SEBESTYEN, Gyula

Perspective plan of research work on the industrialization of
construction and on construction economy. Epites szemle 5 no.4:
97-98 '61.

KISVARI, Janos; SEBESTYEN Gyula, dr.

Construction of large-panelled dwelling houses in France.
Epites szemle 5 no.9:274-279 '61.

1. Epitesugyi Miniszterium Betonelemgyarto Igazgatosaganak
vezetoje (for Kisvari). 2. Epitesugyi Miniszterium Epitcstechnikai
es Epitesgazdasagi Iroda fomerneke (for Sebestyen).

SEBESTYEN, Gyula, dr., Alpar-dijas

Larsen & Nielsen-system large-panelled dwelling houses in Denmark and the German Federal Republic. Magy ep ipar 10 no.11:517-523 N '61.

SEBESTYEN, Gyula, dr.

Quantitative planning in the construction industry of the German Democratic Republic. Építés szemle 5 no.1:27-28 '61.

1. Építésügyi Minisztérium Építéstechnikai és Építésgazdasági Iroda főmunkosa.

SEBESTYEN, Gyula, Dr.

Construction of dwellings. Magy ep ipar ll no.2:88-89 '62.

SEBESTYEN, Gyula, dr.

Determination of temperatures in hear bridges by electronic
calculating machines. *Épületgépészet* 11 no.2:56 Ap '62.

SEBESTYEN, Gyula, dr., Alpar-ermes

Production of building materials; data on the world's construction industry. Magy ep ipar 11 no.7:331-334 '62.

SERESTYEN, Gyula, dr., Alpar-ermes

The situation and trends of the development concerning the construction of dwelling houses with large panels. Magyar ipar 11 no.9:431-440 '62.

SEBESTYEN, Gyula, dr.

Energy carriers and electric power production. Magy ep ipar 11 no.10:
486-487 '62.

S/271/63/000/002/026/030
A060/A126

AUTHOR: Sebestyén, Gyula

TITLE: Temperature calculation in temperature bridges using an electronic computer

PERIODICAL: Referativnyy zhurnal, Avtomatika, Telemekhanika i Vychislitel'naya Tekhnika, no. 2, 1963, 64, abstract 2B346 (Épületgépészet, 1962, v. 11, no. 2, 56, Hungarian)

TEXT: In order to solve the differential equation for heat flow it is usually preliminarily transformed into a finite difference equation, which is then solved by the method of iteration or relaxation. A program is described which was worked out for the solution of such equations on a "Ural-1" computer. The total computation time is 7 minutes.

G. S.

[Abstracter's note: Complete translation]

Card 1/1

SEBESTYEN, Gyula, dr.

Joint effect of winds and rains on outer walls and their
seams. Epuletgepeszet 11 no.6:223-229 D '62.

SEBESTYEN, Gyula, dr.

Production and use of steels. Magy ep ipar 12 no.2:95-96
'63.

SEBESTYEN, Gyorgy

Detrimental effect of glare in the lighting of workplaces.
Munkavédelem 6 no.4/6:16-19 '60.

1. Szakszervezetek Országos Tanácsa Munkavédelmi
Tudományos Kutató Intézete.

SEBESTYEN, Gyorgy

Secondary means of protection against electric shock.
Munkavedelem 7 no.4/6:10-13 '61.

1. Szakszervezetek Országos Tanácsa Munkavedelmi
Tudományos Kutató Intézete.

SEBESTYEN, Gyorgy

Safety and economic aspects of the maintenance of lighting installations. Munkavedelem 8 no.10/12:18-22 '62.

1. Szakszervezetek Országos Tanácsa Munkavedelmi
Tudományos Kutató Intézet.

SEBESTYEN, Gyorgy

Correlation between color temperature and the intensity of lighting.
Munkavedelem 6 no.10/12:11-13 '60.

1. Szakszervezetek Orszagos Tanacsa Munkavedelmi Tudomanyos Kutato
Intezete.

SEBESTYEN, Gyula, dr.

Foreign scientific research institutes. Magyar ipar 12 no.3:
141-142 '63.

SEBESTYEN, Gyula, dr.

Chemical industries and the production and use of plastic materials; data on the construction industry of the world.
Magy ep ipar 12 no.5:240 '63.

SEBESTYEN, Gyula, dr.

Further development in the management of the construction industry
in the Soviet Union. Magyar ipar 12 no.11/12:533-534 '63.

VARGA, Jozsef, prof., dr. (Budapest, XI., Sztozzek u.2); SEBESTYEN, Gyula
(Budapest, XI., Sztozzek u.2)

Observations on cavitation velocity-damage exponent in a flowing
system. Periodica polytechnica eng 8 no.3:343-352 '64.

1. Department of Hydraulic Machines of Polytechnical University,
Budapest. Submitted February 7, 1964.

SEBESTYEN, Gyula, dr.

State organs of the English construction industry. Epites
szemle 8 no. 5:161-163 '64.

1. Deputy Director, Institute of Building Economics and
Organization, Ministry of Construction Budapest.

SEBESTYEN, Gyula, dr., Alparcermes

Construction of dwelling houses from large panels in England.
Magy ep ipar 13 no.8/9:517-522 '64

SEBESTYEN, Gyorgy

Forms of applying the methods of industrial illuminating engineering.
Munkavedelem 10 no.10/12:18-23 '64.

1. Scientific Research Institute of Labor Protection of the
Central Council of Hungarian Trade Unions, Budapest.

SEBESTYEN, Gyula, dr., Alpar-ermes

The Larsen-Nielsen large panel system. Magyar ipar 13
no.11:657-660 '64.

SEBESTYEN, Gyula, dr.

Data on the construction industry of the world. Magyar
ipar 14 no.3:192 '65.

Accession Nr L 45485-66 EWP(t)/ETI IJP(C) JB/MB
 ACC NR: AT6033335 SOURCE CODE: HU/2504/65/051/03-/0361/0379
 AUTHOR: Varga, J.--Varga, Y.; Sebestyen, Gy.--Shebesht'yen, D.; Shalnew, K. K.--
 Shal'nev, K. K.; Tschernawskij, B. A.--Chernyavskiy, B. A.
 ORG: [Varga; Sebestyen] Technical University, Budapest; [Shalnew; Tschernawskij]
 Institute for Mechanics, AN SSSR, Moscow
 TITLE: Investigation of the scale effect in cavitation corrosion 4 54
 SOURCE: Academia scientiarum hungaricae. Acta technica, v. 51, no. 3-4, 1965, B+1
 361-379
 TOPIC TAGS: corrosion, cavitation
 ABSTRACT: This article is the Hungarian publication of an article published in
 Zh. Prikl. Mekh. i Tekh. Fiz. AN USSR, 1963, no. 3, pp. 122-129. The methodologies
 employed at the authors' Institutes for the investigation of the scale effect
 were described. This investigation covers the subject on the basis of an energetical
 parameters. The equipment used and the experimental conditions employed were
 discussed and an evaluation of the work is made. Orig. art. has: 11 figures,
 2 formulas and 1 table. [Orig. art. in German] [JPRS: 33,732]
 SUB CODE: 11, 20 / SUBM DATE: 23Nov63 / ORIG REF: 003 / SOV REF: 008
 OTH REF: 018

Card 1/1 *efr*

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L 01838-67 EWP(m) WW

ACC NR: AT6035606

SOURCE CODE: HU/2504/66/053/01-/0091/0108

AUTHOR: Varga, J.--Varga, Y.; Sebestyen, Gy.--Shebest'yen, D.

ORG: none

TITLE: Determination of the frequencies of wakes shedding from circular cylinders

SOURCE: Acta technica academiae scientiarum Hungaricae, v. 53, no. 1-2, 1966, 91-108

TOPIC TAGS: Reynolds number, cavitation, vortex flow

ABSTRACT: [English article] The frequencies of wakes shedding from a circular cylinder placed in a water flow with values above the critical Reynolds number were determined as function of various parameters. At and above the critical Reynolds number the Strouhal number is a function of the cavitation number, and there is evidence of regular vortex generation in this region. In cavitating flow, with a given cavitation number, the drag coefficient has a constant value, independent of the value of the Reynolds number. Orig. art. has: 19 figures, 8 formulas and 2 tables. [JPRS: 35,328]

SUB CODE: 13 / SUBM DATE: 21Feb64 / ORIG REF: 001 / SOV REF: 002
OTH REF: 004

Card 1/1 fv

0922 0004

SIEBESTYEN, G.; VARADI, P.

SIEBESTYEN, G.; VARADI, P. Use of vacuum technique with the radio-frequency mass spectrometer; also, remarks by I. Cornides and others. p. 59.

Vol. 16, No. 1, 1955.

KÖZLEMÉNYEI

TECHNOLÓGIA

Budapest, Hungary

So: East European Accession, Vol. 5, No. 5, May 1956.

SEBESTYEN, GABOR L.

✓ Some new vacuum technical and chemical applications of the radio-frequency mass spectrograph. I. Gábor L. Sebestyén and Péter F. Váradi (Research Inst. Vacuum Technology, Budapest). *Magyar Kém. Folyóirat* 61, 33-42 (1956).—After a short survey of principles and main features of the recent types of mass spectrometers, the problem of leak detection on vacuum equipment is discussed in detail. The Bennett-type radio-frequency mass spectrometer seems to be suited to solve many problems of radio valve manuf. A simple app. was evolved for practical use in leak detection, less bulky and cheaper than the conventional leak detectors. The spectrometer valve resembles a radio receiver valve, needs no separate pump. II. Use of radio-frequency mass spectrometer for the qualitative and quantitative analysis of gases. Péter F. Váradi and Gábor L. Sebestyén. *Ibid.* 176-82. —Etanings, carried out with H, N, A, and CO, showed in the domain examd. a linear correlation between gas pressure and ionic current. The mass scale should be calibrated by a known gas. The radio-frequency mass spectrometer described earlier proved suited for control of degassing of radio receiver valves and for measuring the gas-releasing properties of vacuum-valve components.

István Fındly

OK
MCT

SEBESTYEN O. L.

623. Some new technical and chemical applications of the radio-frequency mass spectrometer. II. The utilization of the RF mass spectrometer for the qualitative and quantitative analysis of gases. P. F. Váradi and G. L. Sebestyén (Magyar Kém. Foly., 1965, 61, [6], 174-176, 17 figs.). Effect of various parameters on the resolution and sensitivity of the previously described mass spectrometer (Anal. Abstr., 1965, 11, 3854) is discussed. At 10^{-4} to 10^{-5} mm, with a mass-resolution of 20, a 1 per cent component in the gas mixture could be detected. At 10^{-4} to 10^{-5} mm of Hg, the relation between gas pressure and ion-current is linear, but the mass-scale must be calibrated with a known gas. The apparatus has been used for gas analysis during the degassing of radio valves and also for determining the gas-releasing properties of vacuum-tube components. A. G. Petro

① Smul R

SEBESTYEN, György

Some problems relating to the practical application of color dynamics.
Munkavédelem 8 no.4/6:13-15 '62.

/Szakszervezetek Országos Tanácsa Munkavédelmi Tudományos Kutató
Intézete.

SEBESTYEN, Imre, okl. építészmernök

Architectural questions of textile industry. Magyar textil 13 no.10:
0 '61.

1. Könnyűipari Tervező Iroda.

79. On the testing of card webs. — A. Kertész (Hungarian Textiles — Magyar Textiltechnika — 1954) No. 1, pp. 2-6, 12 figs., 1 tab.)

The Hala Textile Mills introduced a new method for testing card webs. Each time work on a new blend was started a 10 x 10 cm glass plate was placed under the card web near the doffer comb blade taking precautions not to crease the web. Another glass plate of the same size was placed on the web, both plates were fixed with a spring device. Protruding parts were cut off with scissors. Samples were taken at a distance of about 40 cm from the right and left edge of each machine as well as from the centre. The samples were placed into an epidiascope. Subsequently the web was projected as a 15fold enlargement onto a wall on the surface of which a grid scale was painted. Similar samples were taken from the strips of web as well as from roving. The number and size of the neps were analyzed in the enlargement and the evenness of fiber distribution (by a subjective method) as well as the evenness of the width of the strips of web and the parallelness of the fibres. For the time being the latter property was also analyzed only by subjective means. In this way important informations were obtained concerning cylinder loads, cylinder maintenance, ratios of the different blends and on operations preceding carding. These tests were made 4 hours after cleaning or 8 hours after grinding.

FRANKL, J.; KORDOVANYI, D.; VASS, I.; SEBESTYEN, J.; VARGA, T.

PAS therapy of extrapulmonary tuberculosis. Orv. hetil., Budap.
92 no. 45:1459-1462 11 Nov. 1951. (CLML 21:3)

1. Doctors. 2. Somogy County Kaposvar General Hospital (Head
Physician —Prof.—Dr. Jozsef Frankl).

SERESTYEN, Janos

Therapeutic results in acute orbit inflammations. Szemeszet 93
no.2:91-95 June 56.

1. A Pecsí Orvostudományi Egyetem Szemklinikájának közleménye.
(Igazgató: Boros, Bela egyetemi tanár, az orvostudományok
kandidátusa).

(ORBIT, dis.

inflamm., ther., antibiotics & sulfonamides (Hun))

(SULFONAMIDES, ther. use

orbit inflamm. (Hun))

(ANTIBIOTICS, ther. use

same)

PATAKFALVI, Albert, dr.; BOKOR Zsuzsa, dr.; SEBESTYEN Janos, dr.

Evaluation of bucarban therapy. Orv.hetil. 101 no.30:1055-1057
24 J1 '60.

1. Pecsí Orvostudományi Egyetem, I. sz. Belklinika és Szemklinika
(CARBUTAMIDE ther)

SEBESTYEN, Janos; PATAKFALVI, Albert; BOKOR, Zsuzsa

Ophthalmological experience with bucarbon therapy. Szemeszet. 99
no.3:150-155 S '62.

1. A pcsi Orvostudományi Egyetem Szemklinikájának (Igazgató: Boros.
Bela, as orvostudományok kandidátusa) es I. sz. Belklinikájának (Igazgató:
Barta Imre, as orvostudományok doktora) közleménye.
(CARBUTAMIDE ther) (EYE pharmacol)

SEBESTYEN, Janos

Some questions relating to the technical development of our machine industry. Jarmu mezo gep 8 no.6:202-205 Je '61.

1. Orszagos Tervhivatal Musz. Fejl. Titkarsaganak vezetoje.

SEBESTYEN, Janos

Certain questions relating to the development of the Hungarian machine industry. Gepartastechn 1 no.5:161-165 Ag '61.

1. Orszagos Terhivatal Muszaki Fejlesztési Titkarsag.

SEBESTYEN, Janos

Final contracts and procedural debates concerning innovations.
Magy vasut 8 no.17:2 1 S '64.

SEBESTYEN, Janos

The innovation movement should be a mass movement. Magy vasut
8 no. 11:4 4 Je '64.

SEBESTYEN, Janos, dr.; STRANGER, Janos, dr.

Progressive subacute panencephalitis in its relationship to
ophthalmology. (Cases of central chorioretinitis). Orv. hetil.
106 no.5:211-214 31 Ja '65

1. Pecsí Orvostudományi Egyetem, Szemklinika.

SEBESTEN, Jozsef

Soviet-manufactured locomotives for the Hungarian State Railways.
Vasut L. no. 12:23-25 D '64.

SEBESTYEN Jozsef

Let us produce healthy apples and pears. Elet tud 20 no.12:565
26 Mr '65.

FEKETE, Ferenc, A. koegazdasagi tudomanyok kandidatusa; SEBESTYEN, Jozsef,
tudomanyos munkatars.

Report on the 12th Conference of the International Federation of
Agrarian Economists. Magy tud 72 no.1:51-54. Ja '65.

1. Division Chief, Research Institute of Agrarian Economics
of the Hungarian Academy of Sciences (for Fekete).

1. TILLY, I.; TILLY, I.; TILLY, J.

"Geophysical Instruments and Methods in Marxist Researches", p. 378,
(HISTOLOGICAL RESEARCH, Vol. 33, No. 9/10, Sept./Oct. 1953, Budapest,
Hungary)

SC: Monthly List of East European Accessions (REAL), LC, Vol. 4, No. 3,
March 1955, Uncl.

SEBESTYEN, Károly, dr.

Comparative investigations for interpreting vertical electrical sounding curves. Geofiz közl 3 no.1/11:31-39 1954.

SEBESTYEN, Karoly, dr.

Filtration potentials in the vicinity of Velem. Geofiz kozl 4 no.1:
39-43 '55.

SEBESTYEN, Karoly, dr.

Investigations for detecting lignite in Hungary by the method of the
potential generated in a borehole. Geofiz kozl 4 no.1:45-61 '55.

SEBESTYEN, Karoly, dr.; SAJTI, Laszlo

Investigation of water exploratory borings from the point of view of geophysics of deep drilling. Geofiz kozl 8 no.1/2:33-52 '59.

1. "Geofizikai Kozlemenys" szerkeszto bizottsagi tagja.

SEBESTYEN, Karoly, dr.

Well logging methods in coal prospecting. Geofiz kozl 10 n. 1/4:
137-144 '62.

1. "Geofizikai Kozlemenyek" szerkeszto bizottsagi tagja.

ANDRASSY, Laszlo; SEBESTYEN, Karoly, dr.

Some results of the tests on the measuring technique and evaluation of the gamma-ray well logging. Geofiz kozl 13 no.1:49-60 '64.

1. Editorial Board Member, "Geofizikai Kozlameenyek" (for Sebestyen).

SEBESTYEN, Karoly, dr.; MORVAI, Laszlo; RARAS, Gyula; KARAS, Gyulane

Tests on the quantitative appraisal of water prospecting borings.
Geofiz kozl 13 no.1:123-134 '64.

1. Editorial Board Member, "Geofizikai Kozlemenyek" (for
Sebastyen).

ISPERSEYEN, Károly, dr.; ANDRÁSHY, László, MARTAI, László.

Application of deep drilling geophysics in bauxite prospecting.
Geofiz kozl 13 no.3:369-373 '64.

1. Editorial Board Member, "Geofizikai Közlemények."

GIURGEA, Margareta, prof. dr.; MIHAITA, Ileana, chim.; IUPU, Adelina, fiz.;
SEBESTYEN, Lia, chim.

Results on the possibility of spectrophotometric quantitative
analysis of tannins in mixture. Industria usoara 10 no.11:
478-481 N '63.

GIURGEA, Margareta, prof. dr.; MIHAITA, Ileana, chim.; LUPU, Adelina, asist.
univ.; SEBESTYEN, Lia, chim.

Spectrophotometric determination of tanning substances in
vegetable tanning extracts. Industria usoara 11 no.1:6-7
Ja '64.

SCHENYEN, L.

Hungarian Technical Abst.
Vol. 6 No. 1
1954

021.385.1-753 : 021.385.10

36. On the microphony of electron tubes - *Felektron-
csővek mikrofonizációja* - L. Schenyen. (Telecommunica-
tion Engineering - *Magyar Híradástechnika* - Vol. 3.
1952, No. 10-12, pp. 174-181, Vol. 4, 1953, No. 1-3,
pp. 23-24, 9 figs.)

The microphony of electron tubes is understood to mean the phenomenon in which the electrodes undergo a slight movement due to shocks absorbed by the tube as a consequence of which low-frequency a-c is generated in the tube circuit. The method of reducing microphony is deduced by a mathematical analysis of the former. The article deals with data on the different spacings to be kept in the tube in order to prevent microphony and describes the consequences of electrode movements. Tests have proven the correctness of calculations. Calculations on the anodic current of plane triodes are furnished, the correctness of which is proved by a numerical example. In analyzing the cathode displacement the anodic current is split into a constant and a variable part, the latter is the microphony. By analyzing its formula, anodic current may be expressed as a function of cathode displacement and grid potential.

~~SECRET~~
SEBESTYEN, L.

HUNG

45. On a problem of electron optics — *Egy elektron-optikai problémáról* — L. Sebestyén. (Telecommunication Engineering — *Magyar Híradástechnika*) — Vol. 4, 1953, No. 11–12, pp. 152–156, 7 (figs.)

In electron tubes where a heavy-current well-focused electron beam must be produced the cathode and accelerating electrode may be formed from segments of concentric spheres according to J. R. Pierce. It can be established that where a maximum current should be carried along a cylinder of a given dimension at a given voltage there is an optimal initial angle for Pierce cathodes which may be obtained mathematically; the results are presented in diagrams. With the aid of these diagrams it is possible to get an "optimally designed" Pierce cathode. The experiments confirm the theory.

Sebestyen, L. G.

23. Some new applications of the radio-frequency mass spectrometer in vacuum engineering and chemistry. 1. G. Sebestyen, R. P. Varadi. (Magyar Kémiai Folyóirat Vol. 61, 1955, No. 2, pp. 34-42, 10 figs.) CH

A brief survey of the principles and characteristic features of the more recent mass spectrometers is given and a simple theory of the Bennett radio-frequency mass spectrometer is also presented. This device may be used for detecting leaks. A simple leak detector has been developed which incorporates the advantages of the conventional mass-spectrometer leak detectors but is much easier to operate, is less expensive and moreover may be used as an ionization manometer. Details are given of the spectrometer tube and the electronic equipment.

SW ①

MA
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SEBESTYEN L. G.

Some new applications of the RF mass-spectrometer in vacuum technique and chemistry--F. P. Varadi, L. G. Sebestyen (Magyar Kemiai Folyoirat--Vol. 61, 1955 No. 6, pp 176-182, 9 figs., 1 tab.)

Technical details of the radio-frequency mass-spectrometer developed by the authors are given and its applications for the qualitative and quantitative analyses of low-pressure gas mixtures are discussed. Experimental measurements showed that a linear relationship exists between the gas pressure (in the range of 10^{-3} to 10^{-7} mm mercury) and the intensity of the ion current measured at the grid of the spectrometer tube. The device is useful for quantitative work after precalibration with a known gas or mixture of appropriate composition, and the analyses are reproducible within 2% if the percentual composition of the gas is taken as 100%. Sensitivity of the apparatus: a component amounting to 1% of the gas mixture is detectable at 10^{-4} mm mercury. The instrument was found useful for the investigation of the hydrogen-releasing rate of electronic tube components furthermore of nickel, molybdenum and copper samples previously ignited in a hydrogen atmosphere.

SEBESTYEN, L.

✓ 38. The shot noise of up-to date high-frequency amplifiers and converter tubes. L. Sebestyén. Magyar Műradistechnika. Vol 7. 1956. No. 1. pp. 8-20. 8 figs. 3 tabs

The so-called equivalent noise resistance is used to measure the noise of electron tubes. A comparison of the calculated and the measured values of a number of samples has proved that with triodes the measured values are 10 to 30% higher than approximated from $R_n = \frac{2.5}{S.6}$ and with pentodes the partition noise is 5 to 15% less than calculated by equation

$$R_{eq} = \frac{2.5}{S.6} \frac{I_a}{I_a + I_{k2}} + \frac{20}{S^2} \frac{I_a \cdot I_{k1}}{I_a + I_{k2}}$$

The noise of a certain portion of the tubes -- differing according to type -- is exceptionally loud. It has been found that this is due to deficient space charge. There is an unequivocal correlation between the abnormal noisiness and the underheated transconductance. With the proper selection of the operating voltages a substantially better R_n may be achieved than the rated values. An R_n table is presented, as a complement to a description of the measuring device and method.

RT aag

Sebestyén L. G.

phys Vacuum leak detector using a radiofrequency mass spectrometer. P. P. Váradi and L. G. Sebestyén (Research Inst. for Telecommunication, Budapest). *J. Sci. Instr.* 33, 39 (1956). A vacuum leak detector tube is described for use in the pressure range 10^{-4} - 10^{-7} torr. The tube operates on the radiofrequency mass spectrometer principle. C. R. Eaton.

SEBESTYEN, Laszlo, dr.;
PATER, Janos, dr.; KERDO, Istvan, dr.;
HORVATH, Laszlo, dr.

Complex examinations on industrial hygiene in the workshops
of the Hungarian Railways. Nepegeszsegugy 38 no.1-2:26-38
Jan-Feb 57.

1. Kozlemeny a MAV Kozponti Egeszsegugyi Hivatalbol (vezeto
foorvos: Szekulesz, Karoly, dr.) es az Orszagos Reuma es
Furdougyi Intezet (igazgato: Dubovitz, Denes, dr.) kereteben
mukodo Orszagos Balneologiai Kutatointezebol (tudomanyos vezeto:
Schulhof, Odon, dr.).

(INDUSTRIAL HYGIENE

in workshops of the Hungarian Railways (Hun))

KELLER, Laszlo, dr.; ERDELYI, Gabor, dr.; SEBESTYEN, Margit, dr.;
MADARASZ, Maria, dr.

Increase of the diagnostic value of the I-131 triolein test
in atherosclerosis. Orv. hetil. 106 no.42:1974-1975 17 0 '65.

1. Budapesti Orvostudományi Egyetem, III. Balklinika (igazgató:
Gero, Sándor, dr.).

SEBESTVEN, M.

9. Designing surveying telescopes suitable for telemetering
 - M. Sebestyan, *Optics of Automation* - Vol. 2,
 1969, no. VI, pp. 240-242, 2 figs, 2 tabs.)

The internal focusing telescopes of modern surveying instruments in addition to sighting should also be suitable for telemetering. This can be accomplished without an additive constant only if the focal lengths of the negative respectively positive member have been calculated so as to render the entire telescope anallatic or quasi-anallatic within the sighting distance. A much more simple and rapid method is described than that used thus far for computing the partial focal lengths of quasi-anallatic internal focusing telescopes. As initial data for computation only the constructional length of the telescope, the focal length set to infinite of the teleobjective, and the permissible error due to the migration of the anallatic spot must be known. By this method distance measuring telescopes can easily be designed whose measuring error is within 1/1000 of the measured distance.

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 Sam
 [Signature]

SEBESTYEN, M.

Tooling in the shoe industry, p. 93, BOR- ES CIPOTECHNIKA (Boripari Tudományos Egyesület mint a Magyar Tudományos Egyesületek Szövetsége Tájékoztatója) Budapest, Vol. 6, No. 4, Aug. 1956

SOURCE: East European Accessions List (EAL) Library of Congress, Vol. 5, No. 11, November 1956

1. Improvements in Soviet hydrobiology up to 1945; also, remarks by Viktor Kottel' and
others. P. 77.
2. Hydrobiological research. HYDROBIOLOGICAL JOURNAL, Budapest, Vol. 33, no. 3/4, Mar./Apr.
1954.

30: Monthly List of East European Accessions, (SERIAL), LG, Vol. 4, no. 10, Oct.
1955, Encl.

SEBESTYEN, O.

SEBESTYEN, O. The course of Hungarian hydrobiology; Hungarian limnologic
research up to 1944 and between 1945-1954. p.385

Vol. 35, no. 11/12, Nov./Dec. 1955
HIDROLOGIAI KOZLONY: HYDROLOGICAL JOURNAL.
GEOGRAPHY & GEOLOGY
Budapest, Hungary

So: East European Accessions, Vol. 5, no. 5, May 1956

SEBESTYEN, Olga, dr. (Tihany)

Thirteenth International Congress on Limnology. Hidrologiai
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(HEMOPOIETIC SYSTEM, dis.

hemoblastosis, ther., actinomycin C, comparison with
radiother. (Hun))

(ANTIBIOTICS, ther. use

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L 12300-63

EW P(j)/EPF(c)/BDS

Pc-4/Pr-4

RM/WW

S/081/63/000/005/057/075

AUTHOR: Sebestyen, Z.

TITLE: Acetylene production in a reactor with surface oxidation of methane

PERIODICAL: Referativnyi zhurnal, Khimiya, no. 5, 1963, 507, abstract 5P210
(Magyar asvanyolaj-es foldgaz kiserl. int. kozl., 1962, no 3, 210 - 215)

TEXT: The results of laboratory experiments on extraction of C_2H_2 and synthesis gas from CH_4 by means of its partial combustion, not in a flame, but on the surface of a hard packing are reported. The principal relationships between the output of C_2H_2 (degree of conversion of CH_4) and the basic parameters of the process and apparatus were established: the surfaces and volumes of packing, composition of the combustible material, and the degree of heating. Conclusions were drawn on the prospects for such a method of incomplete oxidation of hydrocarbons in production. B. Englin.

[Abstractor's note: Complete translation]

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SECRET, C

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Grubar, Ljubo, pub.

Atomska biološka hemijska oružja i zaštita: zbirka članaka (Atomic, Biological, and Chemical Weapons and Protection Against Them; Collection of Articles) Zagreb, IFUGA, 1960. 436 p. No. of copies printed not given.

Authors of articles: Pavle Savić, Academician, Milorad Ristić, Engineer, Milorad Mladenović, Doctor, Kosta Ristić, Engineer, Milovan Vidmar, Engineer, Dragutin Milhofer, Engineer, Srđan Rajković, Doctor, Velimir Vuk, Doctor, Adam Miljnović, Doctor, Gedomil Šebetić, Doctor, Miroslav Perišić, Doctor, Svetolik Rakić, Engineer, Miljko Đurić, Engineer, and Kuzimir Baryla, Doctor.

REMARK: This collection of articles is intended for the general reader as well as for personnel in scientific research and similar organizations.

CONTENTS: The book contains 16 articles dealing with general problems of atomic, biological, and chemical warfare weapons and defense methods. The following topics are discussed: nuclear power, reactors, nuclear explosions (including their peaceful application), nuclear weapons, radiological detection and dosimetry, some problems of the effect of nuclear radiation on the organism and of internal contamination by radioactive isotopes, problems of germ and chemical warfare, and the use of combat poisons. The Foreword was written by Major General Rado Bakić. References follow most of the articles.

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